

THE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: YUKINORI AKAMINE, SATOSHI TANAKA, AKIO  
YAMAMOTO AND KAZUAKI HORI

FOR: A DIRECT CONVERSION RECEIVER

Enclosed are:

- ☒ 6 sheets of ☐ formal ☐ informal drawings.
- ☒ Transmittal of Japanese app. 2002-369773 to claim priority date of December 20, 2002.
- ☒ An assignment of the invention to Renesas Technology Corp.
- ☒ An Information Disclosure Statement
- ☒ An Executed Declaration.
- ☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	20	-20		x\$18 =	0
INDEPENDENT CLAIMS	1	-3		x\$86 =	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$290 =	
				BASIC FEE	\$770.00
				TOTAL OF ABOVE	\$770.00
REDUCTION BY <input type="checkbox"/> FOR FILING BY SMALL ENTITY (note 37 C.F.R. § 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
				TOTAL	\$770.00

- ☒ A check in the amount of **\$810.00** to cover the filing and assignment fees is enclosed.

☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

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